

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re the application of:

Confirmation No. 9643

Kazutake HAGIYA et al.

International Application No. PCT/JP2004/010437

I.A. Filing Date: July 15, 2004

U.S. Serial Number: 10/565,801

Atty. Dkt. Number: SAE-038

Customer No.: 20374

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

May 3, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each document is attached.

No fee or statement is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following

filing of the above-captioned application.

All of the documents are in the English language. Therefore, no concise explanation of the relevance of the documents is believed to be required under 37 C.F.R. §1.98.

Documents UA, FA and FB have been cited in the International Search Report of the present application. Documents UA, FA and FB are members of the patent family of WO 2002/006263 A1, JP 09-505275 A and JP 11-502810 A, respectively, as shown in the search report. A copy of the search report was submitted to the Office on January 25, 2006. The relevance of each document is also discussed in the International Search report. Please note an Examiner's obligation to consider documents cited in an International Search Report according to the provisions of MPEP §1893.03(g).

Documents FB and FC are described in the paragraph beginning on page 1, line 11 of the specification of the present application. Documents DB to DG are described in the paragraph beginning on page 1, line 20.

The Commissioner is authorized to charge our Deposit Account

U.S. Patent Appln. S.N. 10/565,801  
INFORMATION DISCLOSURE STATEMENT

**PATENT**

No. 111833 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

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Attachments: PTO-1449  
Eleven Documents

<p>INFORMATION DISCLOSURE STATEMENT</p> <p>PTO-1449</p>	Atty. Docket No. SAE-038	Serial No. 10/565,801
	Applicant: Kazutake HAGIYA et al.	
	Filing Date: January 25, 2006	Group: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
	UA	2003/0204100 A1	10/30/03	Tamura et al.	549	462	
	UB						
	UC						
	UD						

FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
	FA	95/08549 A1	03/30/95	WO	
	FB	96/29326 A1	09/26/96	WO	
	FC	0 829 480 A2	03/18/98	EP	
	FD				

OTHER DOCUMENTS

Examiner's Initial		
	DA	Suzuki, Yuji et al., "Formylation of Phenols with Electron-withdrawing Groups in Strong Acids. Synthesis of Substituted Salicylaldehydes", <i>Chem. Pharm. Bull.</i> , vol. 31, pp. 1751-1753, 1983.
	DB	"Indole-3-Aldehyde", <i>Org. Synth. Coll.</i> , vol. 4, pp. 539-542, 1963.
	DC	Martínez, Antonio García et al., "A New Procedure for Formylation of Less Active Aromatics", <i>J. Chem. Soc., Chem. Commun.</i> , pp. 1571-1572, 1990.
	DD	Smith, William E., "Formylation of Aromatic Compounds with Hexamethylenetetramine and Trifluoroacetic Acid", <i>J. Org. Chem.</i> , 37, pp. 3972-3973, 1972.
	DE	Bergman, Jan et al., "Synthesis of Aromatic Aldehydes via 2-Aryl-N,N'-Diacyl-4-Imidazolines", <i>Tetrahedron</i> , vol. 36, pp. 2505-2511, 1980.
	DF	Crounse, Nathan N., "The Gattermann-Koch Reaction", <i>Org. React.</i> , vol. 5, pp. 290-299, 1960.
	DG	Baltazzi, Evan et al., "Recent Advances in the Chemistry of Pyrrole", <i>Chem. Rev.</i> , vol. 63, pp. 511-556, 1963.

Examiner:	Date Considered:
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